8-Port 10/100Mbps Layer 2 Managed Switch with Gigabit Port and Mini-GBIC Slot

TEG-S811Fi (1.0R)

The 8-Port 10/100Mbps Layer 2 Managed Switch with Gigabit Port and Mini-GBIC Slot (TEG-S811Fi) delivers powerful layer 2 performance and security management tools to network administrators.

Built-in Gigabit and Mini-GBIC slots provide additional network connections to increase overall network performance. Manage your network from anywhere and protect what your company values most.

The feature rich TEG-S811Fi incorporates Simple Network Management Protocol (SNMP), Quality of Service (QoS), Trunking and Port/Tag-based VLANs. Included is a robust 5.6Gbps backplane which may be remotely accessed. Configure the switch with ease using your choice of a Web browser, CLI, Telnet or HyperTerminal. Use this switch as a foundation for a highly scalable, easy to manage secure network.

FEATURES

- Instantly expand network operations with this 8-port Layer 2 managed switch
- 8 x 10/100Mbps RJ-45 Auto-MDIX ports
- 1 x 10/100/100Mbps RJ-45 Auto-MDIX port and 1x 1000Base Mini-GBIC slot
- Robust 5.6Gbps switching capacity IGMP support for multi-media applications
- Quality of Service (QoS) for bandwidth prioritization
- Includes SNMP, RMON, port Mirroring, Spanning Tree protocol and port base VLAN/802.1Q
- Port Trunking, Broadcast Storm filtering, flow control and port security
- Flexible load distribution control and fail-over functions
- Store-and-forward switching architecture
- Configuration via RS-232 console port, telnet and any Web browser (HTTP)
- Supports up to 8,000 MAC address entries
- System backup, restore and firmware upgrades
- 5-year warranty

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SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T Ethernet • IEEE 802.3u 100Base-TX • IEEE802.3ab 1000Base-T • IEEE802.3z Gigabit fiber • IEEE802.3x Flow Control and Back Pressure • IEEE802.3ad Port trunk with LACP • IEEE802.1d Spanning Tree/ IEEE802.1w Rapid Spanning Tree • IEEE802.1p Class of Service • IEEE 802.1x User Authentication (Radius) • IEEE802.1Q VLAN Tag
Interface	• 8 x 10/100TX Ports RJ-45 with Auto MDI/MDI-X Function • 1 x 10/100/1000T Ports RJ-45 with Auto MDI/MDI-X Function • 1 x Gigabit Fiber Mini-GBIC • 1 x RS-232 DB-9 Connector for Switch Management
Packet Forwarding and Filtering Rate	• Gigabit: 1,488,000 Packets per Second per Port • 100M Ethernet: 148,800 Packets per Second per Port
Cabling	**Network:** • 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 Cable • EIA/TIA-568 100-ohm (100m) • EIA/TIA-568 100-ohm (100m) • 100Base-TX: 2-pair UTP/STP Cat. 5/ 5E Cable **Network:** • LC (Multi-Mode): 50/125um~62.5/125um • LC (Single Mode): 9/125um~10/125um • Available Distance: 2KM (Multi-mode) / 30KM (Single-Mode) • Wavelength: 1310nm (Multi-Mode/ Single Mode)
Console Port	• RS-232, female 9-Pin Serial Port (M-M Serial Cable Included)
Protocol/Topology	• (CSMA/CD) / Star
Buffer Memory	• 1Mbits Data Buffer
Filtering Address Table	• 8K MAC Address Entries
Bandwidth	• Up to 5.6Gbps
LED Display	• System Power (Green) • 10/100TX Port: Link/Activity (Green), Full-Duplex/Collision (Yellow), • 100Mbps(Green) • Gigabit Copper Port: 1000/100Mbps (Green/Yellow), Link/Activity (Green), Full Duplex/Collision (Yellow) • Mini GBIC: Link/Activity (Green)
Power	• Input: 100~240VAC, 50/60Hz Internal Power Supply
Power Consumption	• 10.8 watts
Dimensions	• 217 x 160 x 43mm (8.5 x 6.2 x 1.6 inch) (W x H x D)
Weight	• 0.8 Kg. (1.12lb.)
Temperature	• Operating: 0° ~ 45° C (32° ~ 113° F) Storage: -40° ~ 70° C (-40° ~ 158° F)
Humidity	• 5%~95% (Non-Condensing)
Safety Emissions	• FCC, CE
Software	
Management	• SNMP v1 v2c, v3/ Web/Telnet/CLI/Menu Driven** Management
Trunk	• LACP Port Trunk: 4 Trunk Groups/Maximum 4 Trunk Members
Class of Service	• Support IEEE802.1p Class of Service, Per Port Provides 4 Priority Queues
QoS	• QoS Determined by Port, Tag and IPv4 Type of Service, IPv4/IPv6 Different Service
VLAN	• Port Based VLAN • IEEE 802.1Q Tag VLAN (256 Entries)/ VLAN ID (Up to 4K, VLAN ID From 1 to 4096.) • GVRP (256 Groups) • Double Tag VLAN (Q in Q)*
X-Ring	• Support X-ring, Dual Homing, and Couple Ring • 256 Multicast Groups and IGMP Query
IGMP	• Support IGMP Snooping v1,v2 • 256 Multicast Groups and IGMP Query
Port Mirror	• Supports 3 Mirroring Types: "RX, TX and Both Packets".
Port security	• Supports 100 static MAC Address Entries And 100 MAC Filter Entries
Spanning Tree	• Support IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree
IP Security	• Supports 10 Permitted Access IP Addresses

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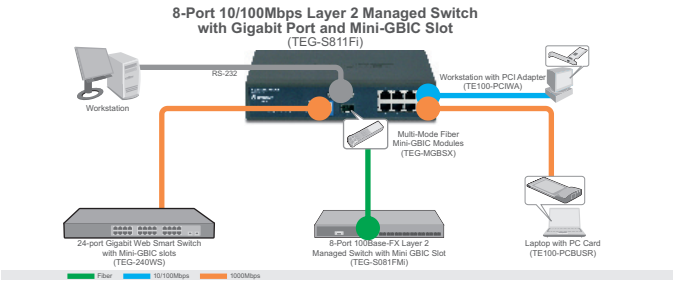
SPECIFICATIONS

Software	
Login Security	• Support IEEE802.1X Authentication/RADIUS
Bandwidth Control	• Ingress Packet Filter and Egress Packet limit • Egress Rate Supports All Packet Types With Rate Limits at 100K~250Mbps • Ingress Filter Packet Types Include Broadcast/Multicast/Unknown, Unicast Packet, Broadcast/Multicast Packet and Broadcast Packet Only/ All of Packet. • Packet Filter Rate: 100k to 250Mbps
Flow Control	• Supports System Log Record And Remote System Log Server
System Log	• Supports System Log Record And Remote System Log Server
SMTP	• SMTP Server support And 6 E-mail Accounts For Event Alerts
SNMP Trap	• Up to 3 Trap Stations, Cold start, Port Link Up, Port Link Down, Authentication Failure, Power Status Private Trap and X-ring Topology Change
DHCP	• Provides DHCP Client/ DHCP Server
DNS	• Provides DNS Client Feature and Supports Primary And Secondary DNS servers
SNTP	• Supports SNTP To Synchronize System Clock
Firmware Update	• Support TFTP Firmware Update, TFTP Backup and Restore
Configuration Upload and Download	• Support Text Format Configuration File For System Quick Installation

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEG-S811Fi
- Quick Installation Guide
- CD-ROM user guide
- Power cord (1 m, 3.28 ft)
- RS-232 cable (1 m, 3.28 ft) / rack mounting kit

RELATED PRODUCTS

TEG-S081FMi	8-Port 100base-FX Layer 2 Managed Fiber Switch w/ Mini-GBIC Port
TE100-S810Fi	8-Port 10/100Mbps Layer 2 Managed Switch w/ 100Base-FX Port
TEG-MGBSX	Mini-GBIC Multi-Mode SX Module (550M, 1,800Ft.)

ORDERING INFORMATION

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